

RANDOM ACCESS SLIDE STAINER
WITH INDEPENDENT SLIDE HEATING REGULATION

ABSTRACT OF THE DISCLOSURE

An automated slide stainer with slides mounted in a horizontal position on a
5 rotary carousel. Reagents and rinse liquids are automatically dispensed onto tissue
sections or cells mounted on slides for the purpose of performing chemical or
immunohistochemical stains. The rinse liquids are removed by an aspiration head
connected to a source of vacuum. Individual slides or groups of slides are supported on
flat heating stations for heating to individual temperatures. Temperature control
10 electronics on the carousel are controlled by a user interface off of the carousel.

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